B.B.M.P

BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

***Name of Work*: Modified Estimate for Improvements Roads And Drains and Providing Covering Slabs at Bharathnagara, Varadarajnagar, Vinayaknagar, Singarapura Paradies, Singapura and Surrounding areas in Ward No. 11, (Kuvempunagar).**

Estimated Cost:	***Rs. 30.00 Lakhs***
Approved Cost:	***Rs. 22.58 Lakhs***
Modified Cost:	***Rs. 22.57 Lakhs***

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Modified Estimate for Improvements Roads And Drains and Providing Covering Slabs at Bharathnagara, Varadarajnagar, Vinayaknagar, Singarapura Paradies, Singapura and Surrounding areas in Ward No. 11, (Kuvempunagar).**

	011-20-000122	P-3726		Estimate Cost:			2256952.00		
Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 142 / Item No. 19.1 / PWD SR 2018-19**	Cum							
	Desilting of Drains								
	Varadarajanagara 1st Cross 2nd Phase								
	E/S		1	210.00	0.45	0.45	42.53		
	W/S		1	210.00	0.45	0.45	42.53		
	1st A Cross								
	N/S		1	117.00	0.45	0.45	23.69		
	S/S		1	80.00	0.45	0.45	16.20		
	Varadarajaswamy Layout Main Road								
	N/S		1	30.00	0.45	0.45	6.08		
	Singapura Layout 1st Main								
	E/S		1	150.00	0.45	0.45	30.38		
	Berm Cutting								
	Varadarajanagara 1st Cross 2nd Phase								
	E/S		1	210.00	0.90	0.20	37.80		
	W/S		1	210.00	0.90	0.20	37.80		
	1st A Cross								
	N/S		1	117.00	0.90	0.20	21.06		
	S/S		1	80.00	0.90	0.20	14.40		
	Varadarajaswamy Layout Main Road								
	N/S		1	30.00	0.45	0.45	6.08		
	Singapura Layout 1st Main								
	N/S & S/S		2	400.00	0.45	0.45	162.00		
	Total Qty						**440.53**		
	Qty upto 125%						**312.94**	200.00	**62588.00**
	Qty above 125%						**127.59**	205.64	**26238.00**
	Basic Rate	130.00							
	Area Weightage @ 6%	7.80							
	Total	**137.80**							
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 Tonne / km = 38.08	38.08							
	Total	**243.88**							
	Tender Premium @ -15.68%	**-38.24**							
		205.64							

Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) **Page No. 27 / Item No. 5.33 PWD SR 2018-19**	Sqm							
	BS Slab Drain								
	Varadarajanagara 1st Cross 2nd Phase								
	E/S		1	210.00		1.35	283.50		
	W/S		1	210.00		1.35	283.50		
	1st A Cross								
	N/S		1	117.00		1.35	157.95		
	S/S		1	80.00		1.35	108.00		
	Varadarajaswamy Layout Main Road								
	N/S		1	30.00		1.35	40.50		
	Singapura Layout 1st Main Damaged Portion								
	E/S		2	200.00		1.35	540.00		
	Total Qty						**1413.45**		
	Qty upto 125%						**1046.25**	100.00	**104625.00**
	Qty above 125%						**367.20**	93.85	**34461.00**
	Basic Rate	105.00							
	Area Weightage @ 6%	6.30							
	Total	**111.30**							
	Tender Premium @ -15.68%	**-17.45**							
		93.85							
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete **Page No. 27 / Item No. 5.31.1 PWD SR 2018-19**	Sqm							
	Damaged Slabs & Missing Slabs 15%			Vide Item No. 2			212.02		
	Total Qty						**212.02**		
	Qty upto 125%						**156.94**	742.00	**116448.00**
	Qty above 125%						**55.08**	625.65	**34461.00**
	Basic Rate	700.00							
	Area Weightage @ 6%	42.00							
	Total	**742.00**							
	Tender Premium @ -15.68%	**-116.35**							
		625.65							
4	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 **Page No. 27 / Item No. 5.26.2, PWD SR 2018-19**	Sqm							
	Varadarajanagara 1st Cross 2nd Phase								
	E/S		2	210.00		0.40	168.00		
	W/S		2	210.00		0.40	168.00		
	1st A Cross								
	N/S		2	117.00		0.40	93.60		
	S/S		2	80.00		0.40	64.00		
	Varadarajaswamy Layout Main Road								

Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	N/S		2	30.00		0.40	24.00		
	Singapura Layout 1st Main Damaged Portion								
	N/S		2	65.00		0.40	52.00		
	S/S		2	75.00		0.40	60.00		
							629.60	850.00	**535160.00**
5	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No. 2100 **Item No. 27.18 Page No. 222, PWD SR 2018-19**	cum							
	Culverts		0	5.50	2.00	0.15	0.00		
							0.00	5000.00	**0.00**
6	Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6, edges of stones** chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. **Page No. 255, Item No. 34.9, PWD SR 2018-19**	cum							
			0	5.50	0.60	0.90	0.00		
							0.00	5000.00	**0.00**
7	KSRB 15.1.3 Providing **ruled pointing 20 mm deep** to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications **Page No. 115 / Item No. 15.3, PWD SR 2018-19**	Sqm							
			0	5.50		0.90	0.00		
							0.00	150.00	**0.00**
8	Providing **precast slab of 250mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc.,complete as per the direction of engineer in charge - (Data rate Approved).	Sqm							
			0	1.50	0.60		0.00		
							0.00	5000.00	**0.00**
9	Providing **precast slab of 100mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc.,complete as per the direction of engineer in charge - (Data rate Approved).	Sqm							
	Varadarajanagara 1st Cross 2nd Phase								
	E/S		1	50.00	0.75		37.50		
			1	27.20	0.75		20.40		
			1	97.20	0.75		72.90		
	W/S								

Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			1	6.50	0.75		4.88		
			1	27.50	0.75		20.63		
			1	27.00	0.75		20.25		
			1	18.00	0.75		13.50		
			1	18.00	0.75		13.50		
			1	8.40	0.90		7.56		
			1	33.70	0.90		30.33		
	1st A Cross								
	N/S		1	10.60	0.90		9.54		
			1	4.10	0.75		3.08		
			1	38.20	0.75		28.65		
			1	18.00	0.75		13.50		
	S/S								
			1	11.90	0.75		8.93		
			1	5.60	0.75		4.20		
			1	42.00	0.75		31.50		
	Varadarajaswamy Layout Main Road								
	N/S		1	30.00	0.90		27.00		
	Singapura Layout 1st Main Damaged Portion								
	N/S		1	70.00	0.90		63.00		
	S/S		1	66.00	0.90		59.40		
							490.23	1800.00	**882414.00**
10	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page. No. 255 / Item No.34.11 of PWD SR 2018-19**	cum							
	Vent Concrete								
	Varadarajanagara 1st Cross 2nd Phase								
	E/S		1	110.00	0.45	0.10	4.95		
	W/S		1	110.00	0.45	0.10	4.95		
	1st A Cross								
	N/S		1	60.00	0.45	0.10	2.70		
	S/S		1	70.00	0.45	0.10	3.15		
	Varadarajaswamy Layout Main Road								
	N/S		1	30.00	0.45	0.10	5.40		
	Singapura Layout 1st Main Damaged Portion								
	N/S		1	50.00	0.45	0.10	9.00		
	S/S		1	45.00	0.45	0.10	8.10		
	Coping								
	Varadarajanagara 1st Cross 2nd Phase								
	E/S		2	210.00	0.15	0.10	6.30		
	W/S		2	210.00	0.15	0.10	6.30		
	1st A Cross								
	N/S		2	117.00	0.15	0.10	3.51		
	S/S		2	80.00	0.15	0.10	2.40		
	Varadarajaswamy Layout Main Road								
	N/S		2	30.00	0.15	0.10	0.90		
	Singapura Layout 1st Main Damaged Portion								
	N/S		2	50.00	0.15	0.10	1.50		

Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	S/S		2	45.00	0.15	0.10	1.35		
							60.51	5500.00	**332805.00**
	Sub Total								**2129200.00**
	GST @ 6%								**127752.00**
								Total	**2256952.00**

Rupees Twenty Two Lakh(s) Fifty Six Thousand Nine Hundred Fifty Two Only

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

Technical Sanction
Accorded For Rs 2256952 /-
Head of A/C P3726
CER NO : 16 Dt 24/04/23

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